Amphenol® RF

SMA to Unterminated Cable Assemblies

50 Ohm Solution for Design Flexibility

Overview

Amphenol RF offers SMA to unterminated cable assemblies on a variety of flexible and hand formable cable types. These assemblies allow engineers and systems designers the ability to terminate the cable assembly to a connector or terminator of their choice giving them ultimate flexibility. SMA pigtail assemblies provide a reliable connection point for system integration and are ideal for use in test and measurement, aerospace and prototype development environments.

The SMA connector interface ensures broad compatibility with standard RF equipment used across test benches, instrumentation platforms and validation systems.

Features and Benefits

- Terminates to preferred connector
- Conformable cable enables hand-formable routing
- SMA interface provides reliable connection
- Available in multiple standard lengths

Applications

- Test and measurement
- Aerospace
- RF system integration
- Prototype and development

Ordering Information

SMA to Unterminated Cable Assemblies

Part Number	Configuration	Cable Type
095-902-462-XXX	Straight Jack	0.047” Conformable
095-902-463-XXX	Straight Jack, Brass	0.085” Conformable
095-902-636-XXX	Straight Jack, Stainless Steel	0.085” Conformable
135100-01-XX.XX	Straight Plug	RG-316
135102-02-XX.XX	Right-Angle Jack	RG-147
135105-04-XX.XX	Straight Jack	RG-58

Note: ‘XXX’ and ‘XX.XX’ denotes length code.

Standard Lengths Available

Length Code	Length in Inches
-003/-03.00	3”
-004/-04.00	4”
-005/-05.00	5”
-006/-06.00	6”
-007/-07.00	7”
-008/-08.00	8”
-009/-09.00	9”
-010/-10.00	10”
-011/-11.00	11”
-012/-12.00	12”

Note: Check component drawing for complete list of lengths available by specific part number.

Amphenol RF
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Danbury, CT 06810

*For more information visit **www.amphenolrf.com***
or call 800.627.7100

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Technical Specifications

Electrical

Impedance	50 Ω
Frequency Range	DC – 18 GHz
VSWR	1 Max
Dielectric Withstanding Voltage	500 VRMS. Min.

Mechanical

Mating Cycles	500 Min.
Coupling Mechanism	Threaded
Temperature Range	−65 °C to +165 °C

Materials

Body	Stainless Steel or Brass, Gold-Plated
Contact	Beryllium Copper, Gold-Plated
Insulator	PTFE

Note: Technical specifications are typical and may vary by specific part number. Please see component drawing.

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